00862.023135

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re Application of:

Examiner: Unassigned

Kotaro AKUTSU et al.

Group Art Unit: Unassigned

Application No.: 10/617,682

)

Filed: July 14, 2003

For: ELECTRON BEAM EXPOSURE APPARATUS) December 5, 2003

AND SEMICONDUCTOR DEVICE

MANUFACTURING METHOD

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 form. Copies of the listed Japanese patent documents are also enclosed.

Japanese patent document number 9-330867 corresponds to U.S. Patent No. 5,864,142.

The Examiner's attention is also directed to the following co-pending U.S. patent application. A copy of this application is also enclosed.

U.S. Patent Application No.

Filing Date

10/649,645

August 28, 2003

Applicants request that the above information be considered by the Examiner and that a copy of the enclosed PTO-1449 form be initialed and returned indicating that such information has been considered.

This Information Disclosure Statement is being filed before the issuance of a first Office Action on the merits. Therefore, no fee under 37 C.F.R. 1.97(c)(2) is believed due. Nevertheless, the Commissioner may charge Deposit Account No. 06-1205, should any fee

be due for filing this paper.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Attorney for Applicants

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SEW/eab

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FORM	PTO	1449	(modified)	ì
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)

December 5, 2003

ATTY DOCKET NO. 00862.023135

APPLICATION NO. 10/617,682

APPLICANT Kotaro AKUTSU et al.

FILING DATE July 14, 2003

GROUP Unassigned

December 5, 2003		-ILING DATE JULY 14, 2003		GROUP Offassigned		
· · · · · · · · · · · · · · · · · · ·	U.S.	PATENT DOCUMENTS				
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT	
US-5,717,482	02/10/1998	Akutsu et al.	355	53		
US-5,858,587	01/12/1999	Yamane et al.	430	22		
US-5,864,142	01/26/1999	Muraki et al.	250	491.1	·· - · · · · · · · · · · · · · · · · ·	
US-6,054,713	04/25/2000	Miyake et al.	250	492.24	_ <u></u>	
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	FOREIG	SN PATENT DOCUMENTS				
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO YES/NO/ OR ABSTRAC	
9-330867	12/22/1997	Japan			Abstrac	
5-89815	04/09/1993	Japan			Abstrac	
	THER DOCUMENT(S) (Inc	sluding Author, Title, Date, Pertinent Pages, E	etc.)			
		DATE CONSIDERED				
	DOCUMENT NUMBER US-5,858,587 US-5,864,142 US-6,054,713 DOCUMENT NUMBER 9-330867 5-89815	DOCUMENT DATE US-5,717,482 02/10/1998 US-5,858,587 01/12/1999 US-5,864,142 01/26/1999 US-6,054,713 04/25/2000 FOREICE DOCUMENT DATE 9-330867 12/22/1997 5-89815 04/09/1993	U.S. PATENT DOCUMENTS DOCUMENT DATE NAME	U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS	DOCUMENT DATE NAME CLASS SUBCLASS	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet_1_ of _1_